

WHAT IS CLAIMED IS:

1. A hybrid hot air heater comprising a chassis having first and second outlets on its front face and first and second inlets on its rear face in a configuration wherein a gas heater unit, comprised of a gas burner and a first air-blowing fan arranged below said gas burner that mixes combustion gas sent from said gas burner and air taken into said chassis through said first inlet and blows it out through said first outlet to said room, is incorporated into said chassis at its upper part, and an electric heater unit comprised of an electric heater that heats air taken in through said second inlet and a second air-blowing fan blows out said heated air through said second outlet to the room is incorporated into said chassis at its lower part in such a manner that the air-blowing systems of the respective heater units may be independent of each other,

wherein said second inlet is formed in such a manner to conserve space and serves as an air inlet passage on the rear side of a housing of said first air-blowing fan that separates these heater units from each other.

2. The hybrid hot air heater according to claim 1, wherein said first and second outlets are formed adjacent to each other vertically such that air blown out by said first air-blowing fan and that blown out by said second air-blowing fan may flow into each other.

3. The hybrid hot heater according to claim 1 or 2, wherein a fan duct leading to said second outlet formed in a housing of said second air-blowing fan is inclined upward.